

## Completion Memorial Ceremony of Komekurayama Mega Solar Farm Project

On January 27, 2012, a completion memorial ceremony for Komekurayama Solar Power Plant Project was held in Kofu City, Yamanashi Prefecture, Japan. The construction started since October 2010.

This project is owned and was constructed as a joint venture between The Tokyo Electric Power Company, Inc. (“TEPCO”) and Yamanashi Prefectural Government. We received a contract on a turn-key basis which includes engineering, procurement, erection and commissioning work.

The total power output is 10MW. This marks one of the largest mega solar projects in the mainland of Japan. It generates about 12,000MWh per year which is equivalent to power needs of about 3400 households and the reduction of about 5100t CO<sub>2</sub> equivalent emissions per year which is equivalent to the annual emis-



sion of about 1000 households.

Going forward, we would like to develop solar power system business to realize a sustainable society.

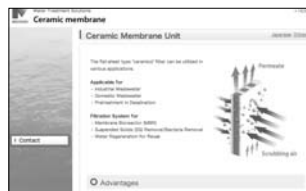
## Visit Meiden Website for Product Highlights

Our website features the following four (4) products/systems. For further product info, please click the URLs below.

### (1) Ceramic Membranes:

[http://water-solution.meidensha.co.jp/filter\\_e/index.html](http://water-solution.meidensha.co.jp/filter_e/index.html)

Our ceramic membranes are most suitable for industrial wastewater and sewage water treatment. Due to high flux characteristics, it features a long operational life.



### (3) AGV Navi:

<http://agv.meidensha.co.jp/english/index.html>

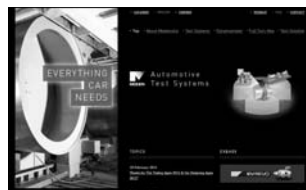
We are a leading supplier of AGV products in Japan. Our product offerings include wide lineups from affordable price kit type to high-end system products.



### (2) Automotives:

<http://automotive.meidensha.co.jp/en/index.html>

We offer a variety of automotive testing facilities for engines, power transmissions, and finished cars, and the test features include automated operation and operational measurement control systems. In addition, in the field of plant construction work such as testing chambers, ancillary facility, and experimental test facilities, we can offer the plant construction on the full-turnkey basis.



### (4) Vacuum Capacitors:

<http://vacuum-capacitors.meidensha.co.jp/en/index.html>

All models are “RoHs Regulations Compliant.” High quality Meiden vacuum capacitors. You could to download the data sheet at the above URL.



## MHD Feted 5<sup>th</sup> Anniversary and the Official Opening of 3<sup>rd</sup> Factory

Meiden Hangzhou Drive Systems Co., Ltd. (“MHD”), a Meiden Group company in Hangzhou and a key manufacturing hub in China, welcomed the 5<sup>th</sup> Anniversary and it officially commenced the inverter production at its new 3<sup>rd</sup> Factory.

On 16<sup>th</sup> November, there was a memorial ceremony at MHD for 5<sup>th</sup> Anniversary and the official opening of the 3<sup>rd</sup> Factory. Following this factory ceremony more than 120 people including the guests, represent-

atives from Meiden Group and the factory construction project members attended the memorial party. It was a very successful party.

After construction of 1<sup>st</sup> and 2<sup>nd</sup> Factory, MHD could produce the Permanent Magnet (PM) motors and perform the machining work. From October, it started the trial operation of the inverter production at the 3<sup>rd</sup> Factory. MHD is planning to ship their products to China and the world markets.



## 4<sup>th</sup> Generation AC Controller

We released a high-efficiency AC controller for battery-driven vehicles. This AC controller realized the compact design by the development of low energy loss by our proprietary main circuit design and improved heat radiation. To meet the requirements of overseas car manufacturers, the ingress protection level (against solid particle and liquid) is set at IP54 so that the AC controller is applicable to any vehicles, from those for general industrial vehicles to special purpose vehicles. We offer two sizes (small and large capacities), and we offer each two type specifications on battery voltage and current capacity. As a result, the products could be used for small to large vehicles. In addition, this product is also applicable to PM motors (conventional type induction motors). We realized more highly efficiency driving system.

### AC Controller Specifications

	Small capacity (AC400S)	Large capacity (AC400L)
Size	132 × 250 × 96mm	292 × 229 × 96mm
Voltage / Current	48V/330Arms 72V/250Arms	48V/500Arms 72V/400Arms



AC Controller